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State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 3, 2015

Robert Steele
Triumph Mining Corporation
1055 North 400 East
Nephi, Utah 84648

Subject: Notice of Intention to Commence Large Mining Operations Form, Triumph Mining Corporation, Gardner Canyon Gypsum Mine Name, S/023/0015, Juab County, Utah

Dear Mr. Steele:

Enclosed with this letter is a hard copy of a form on the web site of the Division of Oil, Gas and Mining. This form can be used to prepare a Notice of Intention to Commence Large Mining Operations. The form is available in Microsoft Word format on the Division's web site at http://linux1.ogm.utah.gov/WebStuff/wwwroot/minerals/permit_forms.html. The form name is MR-LMO.

It is important that you read the instructions associated with the form. The first ten pages consist of instructions and guidelines and SHOULD NOT be included in a submittal. Pages 11 through 17 are primarily an outline of the rules, so these pages create an organized format. The Forest Service likely has requirements in addition to those of the Division.

A Notice of Intention to Commence Large Mining Operations requires substantially more information than a Notice of Intention to Commence Small Mining Operations. In addition, you should also check with other agencies, such as the Divisions of Air Quality and Water Quality, to see whether they have requirements with which you need to comply.

Please call Wayne Western at 801-538-5263 or me at 801 538-5261 if you have any questions.

Sincerely,

Paul Baker
Minerals Program Manager

PBB:whw
Enclosure: Form MR-LMO
cc: Karl Boyer, Forest Service (kboyer@fs.fed.us)
O:\M023-Juab\S0230015-GardnerCanyon\final\LTR-03032015.doc

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Instructions and Guidelines for Submitting a Notice of Intention to Commence Large Mining Operations

This document contains two parts: 1. Guidelines for submitting a Notice of Intention to Commence Large Mining Operations (LMO). 2. A form that could be used to make the actual submittal. Please address each regulation listed.

When submitting the LMO, please **DO NOT include the guidelines section.**

Please do not leave sections blank; include a statement that a section does not apply if this is the case. Do not address the operation practices and reclamation practices rules in R647-4-107 and R647-4-111. Supplementary information, such as consultants' reports, documentation, and approvals from other agencies, should be included in appendices.

The requirements for an LMO are listed in the Minerals Regulatory Program rules, R647-4, which can be found at <http://www.rules.utah.gov/publicat/code/r647/r647-004.htm>. The complete minerals program rules are at <http://www.rules.utah.gov/publicat/code/r647/r647.htm>. These rules were promulgated under authority of the Utah Mined Land Reclamation Act which can be found at http://le.utah.gov/~code/TITLE40/40_08.htm.

Guidelines for Preparing a Notice of Intention to Commence Large Mining Operations.

R647-4-103 The notice of intention shall address the requirements of the following rules:

TABLE

RULE #	SUBJECT
R647-4-104	Operator(s), Surface and Mineral Owner(s)
R647-4-105	Maps, Drawings and Photographs
R647-4-106	Operation Plan
R647-4-108	Hole Plugging Requirements
R647-4-109	Impact Assessment
R647-4-110	Reclamation Plan
R647-4-112	Variance

R647-4-104. Operator(s), Surface and Mineral Owner(s).

1. The name, permanent mailing address, and telephone number of the operator responsible for the mining operations and reclamation of the site.
2. The name, permanent mailing address, and telephone number of the surface landowner(s) and mineral owner(s) of all land to be affected by the operations.
3. The federal mining claim number(s), lease number(s), or permit number(s) of any mining claims, or federal or state leases or permits included in the lands affected.

II. Rule R647-4-105 - Maps, Drawings & Photographs

105.1 - Base Map

A topographic base map (or maps) with appropriate contour intervals must be submitted with this notice. The scale should be approximately 1 inch = 2,000 feet (preferably a USGS 7.5 minute series or equivalent topographic map where available). The map(s) must show the location of lands to be affected in sufficient detail to allow measurement of the proposed area of surface disturbance. The following information shall be included:

1. Property boundaries of surface ownership of all lands to be affected by the mining operations. The Division requests that mineral ownership boundaries be included.
2. Perennial streams, springs, and other bodies of water; roads, buildings, landing strips, electrical transmission lines, water wells, oil and gas pipelines, existing wells, boreholes or other existing structures within 500 feet of the proposed mining operations.
3. Proposed route of access from the nearest publicly maintained highway. The scale should be appropriate to show access.
4. Known areas previous affected by mining or exploration operations within the proposed disturbed area.

105.2 - Surface Facilities Map

A surface facilities map shall be provided at a scale of approximately 1"=200' or other scale as the Division determines necessary. It needs to contain:

1. Proposed surface facilities, including buildings, stationary mining/processing equipment, roads, utilities, power lines, proposed drainage control structures, topsoil storage locations, tailings or processed waste facilities, overburden disposal areas, and solid and liquid wastes and wastewater discharge treatment and containment facilities.
2. A border clearly outlining the acreage proposed to be disturbed by mining operations.

105.3 - Additional Maps

The Division may—and normally will—require the following maps:

1. Regraded slopes to be left steeper than 2h:1v.
2. Plans, profiles and cross sections of roads, pads or other earthen structures to be left as part of the postmining land use.
3. Water impounding structures with embankments greater than 20 feet in height from the upstream toe of the embankment or greater than 20 acre feet in storage capacity.
4. Maps identifying surface areas which will be disturbed by the operator but will not be reclaimed, such as solid rock slopes, cuts, roads, or sites of buildings or surface facilities to be left as part of the postmining land use.
5. Sediment ponds, diversion channels, culvert size and locations, and other hydrologic designs and features to be incorporated into the mining and reclamation plan.
6. Baseline information maps and drawings including soils, vegetation, watershed(s), geologic formations and structure, contour and other such maps which may be required for determination of existing conditions, operations, reclamation and postmining land use.
7. A reclamation activities and treatment map to identify the location and the extent of the reclamation work to be accomplished by the operator upon cessation of mining operations. This drawing shall be utilized to determine adequate bonding and reclamation practices for the site. This map should include:
 - Areas of the site to receive various reclamation treatments, shaded or cross-hatched to identify which treatments will be applied. These areas may include mining and processing equipment, roads, drainage and sediment control structures, and waste disposal areas. It should also show those areas that would receive specific treatments, such as ripping, soil replacement, fertilizing, and seeding.
 - A border clearly outlining areas to be reclaimed.
 - Areas to be included in variance requests.
 - Slopes to be left steeper than 3H:1V.
8. The Division may require other maps.

III. Rule R647-4-106 - Operation Plan

106.1 - Mineral(s) to be mined

List the mineral(s) to be mined.

106.2 - Type of Operation Conducted:

Describe the typical methods and procedures to be used in mining operations, on-site processing and concurrent reclamation. Include equipment descriptions where appropriate. The amount of detail required depends on the type of mining and processing to be done. In particular, any processing with the potential for producing deleterious materials or contaminating ground or surface water will require that the plan detail the processing operations and potential impacts. See also R647-4-109.

106.3 - Estimated Acreage

Acreage listed here should be correlated with maps and with the reclamation surety. The Division needs a clear statement showing the number of acres that will be disturbed and bonded. If the site will be bonded incrementally, the plan and the maps need to clearly show how this will be done.

Areas of actual mining:
Overburden/waste dumps
Ore and product stockpiles
Access/haul roads
Associated on-site processing facilities
Tailings disposal
Other—Describe
Total Acreage

106.4 - Nature of material including waste rock/overburden and estimated tonnage

Describe the typical annual amount of the ore and waste rock/overburden to be generated, in cubic yards. Where does the waste material originate? What is the nature of the overburden/wastes (general chemistry/mineralogy and description of geologic origin)? Are there any potentially deleterious or acid-forming materials? Will it be in the form of fines or coarse material? What are the typical particle size and size fractions of the waste rock?

Thickness of overburden
Thickness of mineral deposit
Estimated annual volume of overburden
Estimated annual volume of tailings/reject materials
Estimated annual volume of ore mined
Overburden/waste description
Information about acid forming potential or any toxic characteristics

106.5 - Existing soil types, location of plant growth material

Specific information on existing soils to be disturbed by mining will be required. General soils information may not be sufficient.

Provide specific descriptions of the existing soil resources found in the area. Soil types should be identified along with depth and extent, especially those to be directly impacted by mining.

The plan shall include an Order 3 Soil Survey (or similar) and map. This information is needed to determine which soils are suitable for stockpiling for revegetation. This soil data may be available from the local Natural Resources Conservation Service office, or if on public lands, from the land management agency. The map needs to be of such scale that soil types can be accurately determined on the ground.

- (a) Each soil type to be disturbed needs to be field analyzed for the following:
 - Depth of soil material
 - Volume (for stockpiling)
 - Texture (field determination)
 - pH (field determination)
- (b) Where there are problem soil areas (as determined from the field examination) laboratory analysis may be necessary. Soil samples to be sent to the laboratory for analysis need to be

about one quart in size, properly labeled, and in plastic bags. Each of the soil horizons on some sites may need to be sampled. Soil sample locations need to be shown on the soils map. The following parameters are normally needed: texture, pH, Ec (conductivity), CEC (Cation Exchange Capacity), SAR, % Organic Matter, Total N, Available Phosphorus (as P_2O_5), Potassium (as K_2O), and acid/base potential.

106.6 - Plan for protecting and redepositing existing soils

Thickness of soil material to be salvaged and stockpiled
Area from which soil material can be salvaged: (show on map)
Volume of soil to be stockpiled
(cross reference with item 106.5 (a))

Describe how topsoil or subsoil material will be removed, stockpiled and protected.

106.7 - Existing vegetative communities to establish revegetation success

Provide the Division with a description of the plant communities growing onsite and the percent vegetation cover for each plant community. Describe the methodology used to obtain these values.

The percent ground cover is determined by sampling the vegetation type(s) on the areas to be mined. Use standard vegetation cover measurement techniques, such as ocular estimation, line intercept, or the point method, and describe the method used. The data needs to show percent cover by species, bare ground, litter, and rock. Cover from these components should total 100 percent. The revegetation success standard will be based on this information.

106.8 - Depth to groundwater, overburden material & geologic setting

Describe the approximate depth to groundwater in the vicinity of the operation based on the completion of any monitoring or water wells in the area or other available data. Please show the location of these wells on the base map.

Provide a narrative description of the geology of the area and geologic cross sections.

106.9 - Location and size of ore and waste stockpiles, tailings and treatment ponds, and discharges

Describe the location and size of any proposed waste/overburden dumps, stockpiles, tailings facilities and water storage or treatment ponds.

Describe how overburden material will be removed and stockpiled.

Describe how tailings, waste rock, reject materials, etc. will be disposed of.

Describe the acreage and capacity of waste dumps, tailings ponds and water storage ponds to be constructed. All impoundments must include the necessary hydrologic calculations to determine if they are adequately sized to handle storm events.

Describe any proposed effluent discharge points (UPDES) and show their location on the surface facilities map. Give the proposed discharge rate and expected water quality. Attach chemical analyses of such discharge if available.

V. **Rule R647-108 - Hole Plugging Requirements**

All drill holes which will not eventually be consumed by mining must be plugged according to the methods listed in this section of the rules. Describe the location of any aquifers encountered by drilling and the method to be used to plug such water containing holes. Describe the method to be used for plugging holes not containing water.

VI. **Rule R647-109 - Impact Statement**

Include a report from a licensed archaeologist concerning cultural resources. This may be in the form of, 1. A statement that there is little likelihood of encountering significant cultural resources in the area to be disturbed. 2. A literature search including the results of previous surveys in the area proposed to be disturbed. 3. An on-the-ground survey of the proposed disturbed area. The report needs to include an evaluation of the effect of the proposed operation on sites listed or eligible for listing in the National Register of Historic Places (significant sites). If significant sites would be adversely affected by the operation, the mine plan needs to show how these effects would be mitigated.

109.1 - Surface and groundwater systems

Describe impacts to surface or groundwater which could be caused by this mining operation. Describe how these impacts will be monitored and mitigated. The appropriate groundwater and stormwater control permits need to be obtained from the Division of Water Quality. Please reference any such permits **and include a copy in an appendix.**

109.2 - Wildlife habitat and endangered species

List any threatened or endangered species or other species of special concern found in the area. Include a negative declaration if these species or their habitats are not found. Describe the impacts on wildlife habitat, big game, riparian areas, and waterfowl associated with this operation. Describe measures to be taken to minimize or mitigate any impacts to wildlife or endangered species.

109.3 - Existing soil and plant resources

Describe impacts to the existing soil and plant resources in the area to be affected by mining operations. Describe impacts to riparian or wetland areas which will be affected by mining. Describe impacts to threatened or endangered plant species. Describe measures to be taken to minimize or mitigate any impacts to soil and plant resources.

109.4 - Slope stability, erosion control, air quality, public health & safety

Describe the impacts this mining operation will have on slope stability, erosion, air quality, and public health and safety. Include descriptions of highwall and slope configurations and their stability. Air quality permits from the Utah Division of Air Quality may be required for mining operations. Please reference any such permits. Describe measures to be taken to minimize or mitigate impacts to slope stability, erosion, air quality, or public health and safety.

109.5 - Actions to Mitigate Impacts

Describe what measure will be taken to mitigate the potential impacts.

VII. **Rule R647-4-110 - RECLAMATION PLAN**

110.1 - Current land use and postmining land use

Current or premining land use(s) [other than mining].

List future postmining land use(s) proposed. Mining cannot be a postmining land use.

Develop the reclamation plan to meet the proposed postmining land use.

110.2 - Reclamation of roads, highwalls, slopes, leach pads, dumps, etc.

Describe how the following features will be reclaimed: roads, highwalls, slopes, impoundments, drainages and natural drainage patterns, pits, ponds, dumps, shafts, adits, drill holes, and leach pads. Describe the configuration of these features after final reclamation. Describe the rinsing and neutralization of leach pads associated with final decommissioning and provide information showing that the rinsing and neutralization procedures will be sufficient.

Describe how roads will be reclaimed. Road reclamation may include regrading cut and fill sections, ripping the road surface with a dozer, topsoil replacement, construction of water bars, construction of traffic control berms or ditches, and reseeding. If a road is to remain for a postmining land use, it must be left in a configuration suitable for the use which may include installation of drainage control structures and reducing the width.

Describe how highwalls will be reclaimed. Highwall reclamation may include drilling and blasting, backfilling, regrading, topsoil replacement, and reseeding.

Describe how slopes will be reclaimed. Slope reclamation may include: regrading to a 3 horizontal:1 vertical (3H:1V) configuration, topsoil replacement, contour ripping, pitting, and reseeding.

Describe how impoundments, pits and ponds will be reclaimed. Include the final elevations and final disposition of the drainage in and around the impoundment. If the impoundment, pit, or pond is intended to be left as part of the post-mining land use, then an agreement with the land managing agency or owner is required. Structures to remain must be left in a stable condition.

Include the final size of the impoundment, pit, or pond in acre-feet of storage and the capacity of the spillway to safely pass storm events.

Impoundments, pits, and ponds, which are not approved as part of the post mining land use shall be reclaimed, free draining, and the natural drainage patterns restored.

Describe how drainages will be reclaimed. Drainage reclamation would include: the reestablishment of a natural drainage pattern which fits in with the upstream and downstream cross-section of existing drainage in the vicinity of the disturbance; the reestablishment of a stable channel in the reclaimed reach of channel, using the necessary armoring to prevent excessive erosion and downstream sedimentation.

Include cross-sections and profiles of reestablished channels to demonstrate compatibility with existing drainage characteristics.

Describe how waste dumps will be reclaimed. Waste dump reclamation may include regrading to 3H:1V slopes, topsoil replacement, mulch or biosolids applications, contour ripping or pitting, and

reseeding. Characterization of the physical and chemical nature of the waste dump materials should be provided.

Describe how shafts and adits will be reclaimed. Reclamation of shafts may include backfilling, installation of a reinforced concrete cap, topsoil replacement and reseeding. Reclamation of adits may include installation of a block wall, backfilling, topsoil replacement and reseeding.

Describe how drill holes will be reclaimed. Drill hole reclamation must be consistent with the rules for plugging drill holes (R647-4-108). Reclamation of plugged drill holes should normally include topsoil replacement and reseeding.

Describe how tailings areas will be reclaimed. Tailings reclamation may include dewatering, neutralization, placement of cap materials, placement of subsoil materials, topsoil replacement and reseeding. Characterization of the physical and chemical makeup of the tailings material must be provided.

Describe how leach pads will be reclaimed. Reclamation of leached materials may include neutralization of leached materials, rinsing of leached materials, dewatering leached materials, regrading slopes of leached materials to 3h:1v, extending pad liners, placement of capping materials, placement of subsoil materials, mulch or biosolids application, topsoil replacement and reseeding. Characterization of the physical and chemical makeup of the leached materials must be provided. Post closure monitoring and collection of drain down fluids should also be addressed.

NOTE: The Minerals Rules require overall highwall angles of no more than 45 degrees at final reclamation unless a variance is granted. All dump or fill slopes should be left at an angle of 3H:1V or less. Any slopes steeper than 3H:1V must be reclaimed using state-of-the-art surface stabilization technology. Pit benches wider than 35 feet should be topsoiled, or covered with fines, and revegetated.

Describe the final disposition of any stockpiled materials on site at the time of final reclamation.

110.3 - Surface facilities to be left

Describe any surface facilities which are proposed to remain on-site after reclamation (buildings, utilities, roads, drainage structures, impoundments, etc.). Describe their post-mine application. *Justification for not reclaiming these facilities must be included in the variance request section.*

110.4 - Treatment, location and disposition of deleterious materials

Describe the nature and extent of any deleterious or acid forming materials located on-site. Describe how these materials will be neutralized, removed, or disposed of on site. Describe how buildings, foundations, trash and other waste materials will be disposed of.

110.5 - Revegetation planting program and topsoil redistribution

Describe the revegetation tasks to be performed in detail, such as ripping, mulching, fertilizing, seeding and scarifying of these areas. Correlate this information with the reclamation treatments map.

a) Soil Material Replacement

In order to reestablish the required ground cover, one to two feet (depending on underlying material) of suitable soil material usually has to be redistributed on the areas to be reseeded. Describe the volume of

soils and approximate depth of soil cover to be used in reclamation. Describe the source of these soils and provide an agronomic analysis of the soils. If there is insufficient soil, discuss alternate means for providing adequate plant growth medium, such as amending subsoil overburden with biosolids or composted manure. Describe the methods used to transport and place soils.

b) Seed Bed Preparation

Describe how the seedbed will be prepared and equipment to be used.

The Division recommends ripping or discing to a minimum of 12 inches and leaving the seed bed surface in a very rough condition to enhance water harvesting, erosion control and revegetation success. Compacted surfaces, such as roads and pads, should be ripped a minimum of 18 inches deep.

c) Seed Mixture - List the species to be seeded:

Provide a seed mix listing adaptable plant species and the rate of seeding that will be used at the site for reclamation. The seeding rate should be in pounds of pure live seed per acre. More than one seed mix may be needed, depending upon the areas to be reclaimed. Keep the proposed post-mining land use in mind when developing seed mixes.

d) Seeding Method

Describe method of planting the seed. The Division recommends planting the seed by broadcasting or with a rangeland rill. Hydroseeding may be appropriate in some areas. Late fall is the preferred time to seed.

e) Fertilization and Soil Amendments

Describe fertilization method, type(s), and application rate (if needed). If soil amendments such as biosolids, composted manure, gypsum, agriculture lime, etc. are needed, describe the types, application rates, and how they will be applied.

f) Other Revegetation Procedures

Please describe other reclamation procedures, such as mulching or irrigation, that may be planned. If seedlings will be transplanted, provide the species, number per acre, planting protocol (spacing, bare root or container stock, and timing).

VIII. Rule R647-4-112 VARIANCE

The Permittee / Operator may request a variance from Rules R647-4-107 (Operation Practices), R647-4-108 (Hole Plugging), and R647-4-111 (Reclamation Practices) by submitting the following information:

- 1.11 the rule(s) from which a variance is requested.
- 1.12 a description of the specific variance requested and a description of the area affected by the variance request; show this area on the reclamation treatments map(s).
- 1.13 justification for the variance.
- 1.14 alternate methods or measures to be utilized in the variance area.

Variance requests are considered on a site-specific basis. For each variance requested, attach a narrative addressing the four items listed above.

IX. Rule R647-4-113 - SURETY

Please attach a reclamation cost estimate addressing the reclamation steps listed below. Use the form provided by the Division. The areas and treatments included in the reclamation treatments map should correspond with items included in the reclamation cost estimate. The reclamation costs must be third party costs.

- 1) Clean-up and removal of structures.
- 2) Backfilling, grading and contouring.
- 3) Soil material redistribution and stabilization.
- 4) Revegetation (preparation, seeding, mulching).
- 5) Safety gates, berms, barriers, signs, etc.
- 6) Demolition, removal or burial of facilities/structures, regrading/ripping of facilities areas.
- 7) Regrading, ripping of waste dump tops and slopes.
- 8) Regrading/ripping stockpiles, pads and other compacted areas.
- 9) Ripping pit floors and access roads.
- 10) Drainage reconstruction.
- 11) Mulching, fertilizing and seeding the affected areas.
- 12) General site clean up and removal of trash and debris.
- 13) Removal/disposal of hazardous materials.
- 14) Equipment mobilization.
- 15) Supervision during reclamation.

X. PERMIT FEE [Mined Land Reclamation Act 40-8-7(i)]

A permit fee is required upon submittal of the application and yearly thereafter. The amount is \$500.00 where the disturbance is 50 acres or less and \$1000.00 for disturbances over 50 acres.

If you are expanding from a small mining operation to a large mining operation, the appropriate large mine permit fee, less the annual \$150.00 small mine fee (if already paid) MUST accompany this application.

FORM MR-LMO
(Revised March 2011)

FOR DIVISION USE ONLY

File #: M / /

Date Received: _____

DOGM Lead: _____

Permit Fee \$ _____ Ck # _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Telephone: (801) 538-5291 Fax: (801) 359-3940

NOTICE OF INTENTION TO COMMENCE LARGE MINING OPERATIONS

The informational requirements in this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1953, General Rules and Rules of Practice and Procedures.

This form applies only to mining operations which disturb or will disturb more than five acres in an incorporated area or ten acres in an unincorporated area at any given time.

"MINING OPERATIONS" means those activities conducted on the surface of the land for the exploration for, development of, or extraction of a mineral deposit, including, but not limited to, surface mining and the surface effects of underground and in situ mining, on-site transportation, concentrating, milling, evaporation, and other primary processing.

"Mining operation" does not include: the extraction of sand, gravel, and rock aggregate; the extraction of oil and gas as defined in Chapter 6, Title 40; the extraction of geothermal steam; smelting or refining operations; off-site operations and transportation; or reconnaissance activities which will not cause significant surface resource disturbance or involve the use of mechanized earth-moving equipment such as bulldozers or backhoes.

Cultural Resources: To fulfill its obligations under Utah Code Annotated 9-8-404, the Division needs cultural resource (archaeology) information. The amount and type of information required will depend on the mine location, the history of previous disturbance, and other factors. Please contact the Division for further information.

PLEASE NOTE:

*This form is to be used as a **guideline** in assembling the information necessary to satisfy the Large Mining Operations Notice of Intention requirements. The Permittee / Operator may submit this information on an alternate form, but the same or similar format should be used.*

I. Rule R647-4-104 - Operator(s), Surface and Mineral Owners

Provide the name, address and telephone number of the individual or company who will be responsible for the proposed operation. **Business entities listed as the Permittee / Operator, must include names and titles of the corporate officers on a separate attachment.**

1. **Mine Name:** _____

2. **Operator name:** _____

Mailing Address: _____

City, State, Zip: _____

Phone: _____ Fax: _____

E-mail Address: _____

Type of Business: Corporation () LLC () Sole Proprietorship (dba) ()

Partnership () General _____ or _____ limited

Or:

Individual ()

Entity must be registered (and maintain registration) with the State of Utah, Division of Corporations (DOC) www.commerce.utah.gov.

Are you currently registered to do business in the State of Utah? () Yes () No

Entity # _____

If no, contact www.commerce.utah.gov to renew or apply.

Local Business License # _____ (if required)

Issued by: County _____ or City _____

Registered Utah Agent (as identified with the Utah Department of Commerce) *(Leave blank if the operator is an individual):*

Name: _____

Address: _____

City, State, Zip: _____

Phone: _____ Fax: _____

E-mail Address: _____

3. **Permanent Address:** _____

Phone: _____ Fax: _____

4. **Contact Person(s)** *Please provide as many contacts as necessary.*

Name: _____ Title: _____

Address: _____

City, State, Zip: _____

Phone: _____ Fax: _____

Emergency, Weekend, or Holiday Phone: _____

E-mail Address: _____

Contact person to be notified for: permitting () surety () Notices () (please check all that apply)

5. Location of Operation:

County(ies) _____
_____ 1/4 of _____ 1/4, Section: _____ Township: _____ Range: _____
_____ 1/4 of _____ 1/4, Section: _____ Township: _____ Range: _____
_____ 1/4 of _____ 1/4, Section: _____ Township: _____ Range: _____

The names of the surface and mineral owners for any areas which are to be affected by mining. This list should include all private, state and federal ownership and the owners of lands immediately adjacent to the project areas.

6. Ownership of the land surface (circle all that apply):

Private (Fee), Public Domain (BLM), National Forest (USFS), State of Utah (SITLA) or other:

Name: _____ Address: _____
Name: _____ Address: _____
Name: _____ Address: _____
Name: _____ Address: _____

7. Owner(s) of record of the minerals to be mined (circle all that apply):

Private (Fee), Public Domain (BLM), National Forest (USFS), State of Utah (SITLA) or other:

Name: _____ Address: _____
Name: _____ Address: _____
Name: _____ Address: _____
Name: _____ Address: _____

8. BLM Lease or Project File Number(s) and/or USFS Assigned Project Number(s): _____

BLM Claim Numbers: _____

Utah State Lease Number(s): _____

Name of Lessee(s): _____

9. Adjacent land owners:

Name: _____ Address: _____
Name: _____ Address: _____
Name: _____ Address: _____
Name: _____ Address: _____

10. **Have the land, mineral and adjacent land owners been notified in writing?**

Yes _____ No _____

If no, why not? _____

11. **Does the Permittee / Operator have legal right to enter and conduct mining operations on the land covered by this notice?** Yes _____ No _____.

R647-4-105 - Maps, Drawings & Photographs

105.1 - Topographic base map, boundaries, pre-act disturbance

105.2 - Surface facilities map

105.3 – Drawings or Cross Sections (slopes, roads, pads, etc.)

105.4 - Photographs

R647-4-106 - Operation Plan

106.1 - Minerals mined

106.2 - Type of operations conducted, mining method, processing etc.

106.3 - Estimated acreages disturbed, reclaimed, annually

106.4 - Nature of materials mined, waste and estimated tonnages

106.5 - Existing soil types, location, amount

106.6 - Plan for protecting & re-depositing soils

106.7 - Existing vegetation - species and amount

106.8 - Depth to groundwater, extent of overburden, geology

106.9 - Location & size of ore, waste, tailings, ponds

R647-4-108 - Hole Plugging Requirements

R647-4-109 - Impact Assessment

109.1 - Impacts to surface & groundwater systems

109.2 - Impacts to threatened & endangered wildlife/habitat

109.3 - Impacts on existing soils resources

109.4 - Slope stability, erosion control, air quality, safety

109.5 - Actions to mitigate any impacts

R647-4-110 - Reclamation Plan

110.1 - Current & post mining land use

110.2 - Roads, highwalls, slopes, drainages, pits, etc., reclaimed

110.3 - Description of facilities to be left (post mining use)

110.4 - Description or treatment/disposition of deleterious or acid forming material

110.5 - Revegetation planting program

R647-4-112 – Variance

R647-4-113 – Surety

XI. SIGNATURE REQUIREMENT

I hereby certify that the foregoing is true and correct. (Note: This form must be signed by the owner or officer of the company/corporation who is authorized to bind the company/corporation).

Signature of Permittee / Operator/Applicant: _____

Name (typed or print): _____

Title/Position (if applicable): _____

Date: _____

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides for maintenance of confidentiality concerning certain portions of this report. Please check to see that any information desired to be held confidential is so labeled and included on separate sheets or maps.

Only information relating to the location, size or nature of the deposit may be protected as confidential.

Confidential Information Enclosed: () Yes () No